

MATERIAL SAFETY DATA SHEET

DATE PRINTED: 11/26/2003
15543700 00000001 3E COMPANYPAGE 1
MSDS NO. CS61040.8

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

MANUFACTURERS NAME
W.M. BARR & COMPANY, INC.ADDRESS
2105 Channel Avenue
Memphis, TN 38113 USAEMERGENCY TELEPHONE #1
901-775-0100EMERGENCY CONTACT
W.M. Barr Technical ServicesEMERGENCY INFORMATION
"3E" 24 HOUR MEDICAL EMERGENCY #, 800 451-8346.
SEE SECTION 5 FOR ADDITIONAL EMERGENCY INFORMATIONINVENTORY ITEM #
GCG73802CHEMICAL FORMULA
CS61040.8PRODUCT NAME
CITRISTRIP STRIPPING GELREVISED BY
W.M. Barr Technical ServicesREVISION DATE
11/17/2003

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CARCINOGENICITY

SUBSTANCE DESCRIPTION	PERCENT	CAS#	NTP	ACGIH	OSHA	IARC
1-METHYL-2-PYRROLIDONE	75- 80	872-50-4	N	N	N	N
CITRUS TERPENES	10- 15	5989-27-5	N	N	N	N
MINERAL SPIRITS	5- 10	8052-41-3	N	N	N	N
** ABOVE INGREDIENT CONSISTS OF THE FOLLOWING **						
STODDARD SOLVENT, TYPE III	95-100	8052-41-3	N	N	N	N

SECTION 3. REGULATORY INFORMATION

EXPOSURE LIMITS/REGULATORY INFORMATION

SUBSTANCE DESCRIPTION	REG. AGCY U/M		TWA	STEL	CEIL	SKIN	PEL
1-METHYL-2-PYRROLIDONE	ACGIH OSHA	PPM PPM	N/E N/E	N/E N/E	N/E N/E	N N	N/E N/E
RECOMMENDED EXPOSURE LIMIT: 100 PPM TWA, AS PROVIDED BY SUPPLIER.							
CITRUS TERPENES	ACGIH OSHA	PPM PPM	N/E N/E	N/E N/E	N/E N/E	N N	N/E N/E
MINERAL SPIRITS	ACGIH OSHA	PPM PPM	N/E N/E	N/E N/E	N/E N/E	N N	N/E N/E
STODDARD SOLVENT, TYPE III	ACGIH OSHA	PPM PPM	100.00 100.00	N/E N/E	N/E N/E	N N	N/E 500.00

ADDITIONAL REGULATORY INFO

The time weighted average (TWA) value described herein is a threshold limit value (TLV) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

CALIFORNIA (PROPOSITION #65)

WARNING: Using this product will expose you to chemicals which are known to cause birth defects or other reproductive harm.

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SECTION 3. REGULATORY INFORMATION
(CONTINUED)

SEC. 313 SUPPLIER NOTIFICATION

The following information must be included in all MSDS that are copied and distributed for this material.

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR 372):

SUBSTANCE DESCRIPTION	PERCENT BY WEIGHT (UPPER LIMIT)	CAS#
1-METHYL-2-PYRROLIDONE	80	872-50-4

CLEAN AIR ACT

This formula contains no known ozone depleting chemicals.

HAZARD COMMUNICATION STANDARD

This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

The following effects and/or symptoms are not expected to be experienced by persons who use this product properly and according to ALL instructions, precautions, and warnings; however, should the product user experience ANY questionable effects or symptoms, the product user should immediately seek medical attention.

SECTION 4. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS

May cause headache; irritation of the respiratory system and mucous membranes; nausea; drowsiness; mental confusion; dizziness and giddiness. Can cause pulmonary edema, signs and symptoms can be delayed several hours.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

This product is a skin irritant. May cause irritation; redness; inflammation; cracking; blisters; defatting; and severe burns. Vapors may cause irritation.

EYE CONTACT ACUTE EXPOSURE EFFECTS

This material is an eye irritant. May cause irritation; burns (including severe burns and irreversible damage); conjunctivitis of eyes; watering; stinging of eyes and lids; swelling of eye; redness; discomfort; and permanent scarring of the cornea. Vapors may cause irritation.

INGESTION ACUTE EXPOSURE EFFECTS

Harmful if swallowed. May cause nausea; vomiting; abdominal pains; diarrhea; irritation, damage or burns to mouth, throat and stomach; severe pain; salivation; ulcerations of membranes; circulatory collapse and death.

CHRONIC EXPOSURE EFFECTS

May cause skin irritation; albuminuria and hematuria.

MEDICAL CONDITIONS AGGRAVATED

Diseases of the eyes, skin, liver, kidneys, and respiratory system.

PRIMARY ROUTE OF EXPOSURE

Inhalation, ingestion, and dermal.

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SECTION 5. FIRST AID MEASURES
-----**INHALATION**

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

SKIN CONTACT

Wash with soap and large quantities of water and seek medical attention if irritation from contact persists.

EYE CONTACT

Immediately flush with water for at least 15 minutes. Get medical attention immediately.

INGESTION

Call your poison control center, hospital emergency room or physician immediately for instructions to induce vomiting.

NOTE TO PHYSICIAN

This formula is registered with POISINDEX.
Call your local poison control center for further information.

SECTION 6. FIRE FIGHTING MEASURES

HAZARD RATING SOURCE	HMIS	NFPA
HEALTH	3	3
FLAMMABILITY	2	2
REACTIVITY	0	0
OTHER	G	NA

FLASH METHOD
PMCC

FLASH POINT
116.00 F 46.66 C

LOWER EXPLOSION LIMIT
1

GENERAL COMMENTS

OSHA FLAMMABILITY: Class II

EXTINGUISHING METHOD

Use carbon dioxide, dry powder, or foam.

FIRE FIGHTING PROCEDURES

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

FIRE AND EXPLOSION HAZARDS

Keep container tightly closed.

SECTION 7. ACCIDENTAL RELEASE MEASURES
-----**CLEAN-UP**

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. **SMALL SPILLS:** take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic

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SECTION 7. ACCIDENTAL RELEASE MEASURES
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container where applicable. LARGE SPILLS: dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

WASTE DISPOSAL

Dispose in accordance with applicable local, state and federal regulations.

SECTION 8. HANDLING AND STORAGE

STORAGE

Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

HANDLING

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

SECTION 9. TRANSPORT INFORMATION

TRANSPORTATION

DOMESTIC:

Paint Related Material 8, UN3066, PGII

IMO/IMDG:

Corrosive Liquid, Flammable, N.O.S., 8 (3), UN2920, PGII
(1, Methyl-2-Pyrrolidine and Terpenes)
Flash point 116 F, < 141 F

IATA/ICAO:

Corrosive Liquid, Flammable, N.O.S., 8 (3), UN2920, PGII
(1, Methyl-2-Pyrrolidine and Terpenes)
Flash point 116 F, < 141 F

SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION PROTECTION

Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering - STOP - ventilation is inadequate. Leave area immediately.

RESPIRATORY PROTECTION

For OSHA controlled work place and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

SKIN PROTECTION

Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

EYE PROTECTION

Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

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SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION
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OTHER PROTECTION

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES

VOLATILE %

99

BY WEIGHT

BOILING POINT

GT 310.00 F 154.44 C BOILING RANGE 310 F - 400 F

VAPOR DENSITY (Air = 1.0)

HEAVIER THAN AIR

EVAPORATION RATE

SLOWER THAN ETHER

BULK DENSITY8.163
LBS/GAL AT 75 F**pH FACTOR**

N/E

PHOTOCHEMICALLY REACTIVE

YES

MAX V.O.C.

98% by weight

MAX VAPOR PRESSURE

<1mm Hg at 20 degrees C

SECTION 12. STABILITY AND REACTIVITY

INCOMPATIBILITIES

Incompatible with strong oxidizing agents; reducing agents; acids; alkali; silica gel; rust or other corrosion products; nitromethane; and salts.

DECOMPOSITION

Thermal decomposition may produce carbon monoxide; carbon dioxide; oxides of nitrogen; and toxic vapors.

POLYMERIZATION

Will not occur.

STABILITY

Stable.

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SECTION 13. ADDITIONAL INFORMATION

IMPORTANT NOTE

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

LEGEND:

PPM = parts per million
MG/M3 = milligrams per cubic meter
N/E or NE = none established
GT = greater than
N/A or NA = not applicable
TCC = tag closed cup
TOC = tag open cup
PMCC = Pensky-Martens closed cup
IDLH = Immediately Dangerous to Life and Health

END OF MSDS